

#17



OIPE

RAW SEQUENCE LISTING

DATE: 05/01/2002

PATENT APPLICATION: US/10/008,739A

TIME: 12:18:56

Input Set : A:\PC10893AGPR Sequence Listing.ST25.txt

Output Set: N:\CRF3\05012002\J008739A.raw

ENTERED

3 <110> APPLICANT: Pfizer Inc.
4 Castleberry, Tessa A.
5 Lu, Bihong
6 Owen, Thomas A.
7 Smock, Steven L.
9 <120> TITLE OF INVENTION: The Canine Androgen Receptor
11 <130> FILE REFERENCE: PC10893AGPR
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/008,739A
C--> 13 <141> CURRENT FILING DATE: 2002-04-15
13 <160> NUMBER OF SEQ ID NOS: 2
15 <170> SOFTWARE: PatentIn version 3.1
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 3577
19 <212> TYPE: DNA
20 <213> ORGANISM: Canine
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27 caccctgagg ccgtgagcgc agcacctccc ggtgccatt tgcagcagca gcagcagcag	180
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31 tctccccaag cgcagagcag agggcccaaca ggctacctgg ctctggatga ggaacagcag	300
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57 gagatgccat ccacctgtc tctttacaag tctggagcac tagatgaagc ggcagcttat	1080
59 caaagtogag actactaaa ctttctctc tccctaggcg ggcgcctcc ccatccacca	1140
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81 tacctgtgtg ccagcagaaa tgattgtacc atcgataaat tccgaaggaa aaattgtcca 1800
83 tcttgtcgcc tccggaaaatg ctatgaagca gggatgactc tgggagcccg gaagctaaag 1860
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87 gaggagccaa cccagaagct gacggtgtca cacattgaag gctatgagtg tcagcccatc 1980
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139 cacactgcaa agaatccaga tcacatggga taacttatga gatgggttag tggtaagctc 3540
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145 <211> LENGTH: 907
146 <212> TYPE: PRT
147 <213> ORGANISM: Canine
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155 Lys Thr Tyr Arg Gly Ala Phe Gln Asn Leu Phe Gln Ser Val Arg Glu
156 20 25 30
159 Val Ile Gln Asn Pro Gly Pro Arg His Pro Glu Ala Val Ser Ala Ala
160 35 40 45
163 Pro Pro Gly Ala His Leu Gln Gln Gln Gln Gln Gln Gln Gln Gln
164 50 55 60
167 Glu Thr Ser Pro Arg Gln Gln Gln Gln Gln Gln Gln Gly Asp Asp Gly
168 65 70 75 80
171 Ser Pro Gln Ala Gln Ser Arg Gly Pro Thr Gly Tyr Leu Ala Leu Asp

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176				100					105					110		
179	Glu	Ser	Ala	Cys	Val	Pro	Glu	Pro	Gly	Val	Thr	Ser	Ala	Thr	Gly	Lys
180			115						120					125		
183	Gly	Leu	Gln	Gln	Gln	Gln	Pro	Ala	Pro	Pro	Asp	Glu	Asn	Asp	Ser	Ala
184		130						135				140				
187	Ala	Pro	Ser	Thr	Leu	Ser	Leu	Leu	Gly	Pro	Thr	Phe	Pro	Gly	Leu	Ser
188	145					150					155					160
191	Ser	Cys	Ser	Thr	Asp	Leu	Lys	Asp	Ile	Leu	Ser	Glu	Ala	Gly	Thr	Met
192				165						170					175	
195	Gln	Leu	Leu	Gln	Gln	Gln	Arg	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln
196				180					185					190		
199	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Glu	Val	Val	Ser	Glu	Gly
200			195						200					205		
203	Ser	Ser	Ser	Gly	Arg	Ala	Arg	Glu	Ala	Ala	Gly	Ala	Ser	Thr	Ser	Ser
204		210					215					220				
207	Lys	Asp	Ser	Tyr	Leu	Gly	Gly	Ser	Ser	Thr	Ile	Ser	Asp	Ser	Ala	Lys
208	225					230					235					240
211	Glu	Leu	Cys	Lys	Ala	Val	Ser	Val	Ser	Met	Gly	Leu	Gly	Val	Glu	Ala
212				245						250					255	
215	Leu	Glu	His	Leu	Ser	Pro	Gly	Glu	Gln	Leu	Arg	Gly	Asp	Cys	Met	Tyr
216				260					265					270		
219	Ala	Pro	Leu	Gly	Gly	Pro	Pro	Ala	Val	Arg	Pro	Cys	Ala	Pro	Leu	
220			275					280				285				
223	Ala	Glu	Cys	Lys	Gly	Ser	Leu	Leu	Asp	Asp	Gly	Pro	Gly	Lys	Gly	Thr
224		290					295				300					
227	Glu	Glu	Thr	Ala	Glu	Tyr	Ser	Pro	Phe	Lys	Ala	Gly	Tyr	Ala	Lys	Gly
228	305					310				315					320	
231	Leu	Asp	Gly	Asp	Ser	Leu	Gly	Cys	Ser	Ser	Ser	Ser	Glu	Ala	Gly	Gly
232				325						330					335	
235	Ser	Gly	Thr	Leu	Glu	Met	Pro	Ser	Thr	Leu	Ser	Leu	Tyr	Lys	Ser	Gly
236			340						345					350		
239	Ala	Leu	Asp	Glu	Ala	Ala	Ala	Tyr	Gln	Ser	Arg	Asp	Tyr	Tyr	Asn	Phe
240			355					360				365				
243	Pro	Leu	Ser	Leu	Gly	Gly	Pro	Pro	His	Pro	Pro	Pro	Pro	His	Pro	
244		370					375					380				
247	His	Thr	Arg	Ile	Lys	Leu	Glu	Asn	Pro	Leu	Asp	Tyr	Gly	Ser	Ala	Trp
248	385				390						395					400
251	Ala	Ala	Ala	Ala	Ala	Gln	Cys	Arg	Tyr	Gly	Asp	Leu	Ala	Ser	Leu	His
252				405					410						415	
255	Gly	Ala	Gly	Ala	Ala	Gly	Pro	Ser	Ser	Gly	Ser	Pro	Ser	Ala	Thr	Thr
256				420					425					430		
259	Ser	Ser	Ser	Trp	His	Thr	Leu	Phe	Thr	Ala	Glu	Glu	Gly	Gln	Leu	Tyr
260			435					440					445			
263	Gly	Pro	Cys	Gly	Gly	Ser	Gly	Gly	Gly	Ser	Ala	Gly	Asp	Gly	Gly	Ser
264		450					455					460				
267	Val	Ala	Pro	Tyr	Gly	Tyr	Thr	Arg	Pro	Pro	Gln	Gly	Leu	Ala	Gly	Gln
268	465					470					475				480	

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276          500          505          510
279 Ser Trp Met Glu Ser Tyr Ser Gly Pro Tyr Gly Asp Met Arg Leu Glu
280          515          520          525
283 Thr Ala Arg Asp His Val Leu Pro Ile Asp Tyr Tyr Phe Pro Pro Gln
284          530          535          540
287 Lys Thr Cys Leu Ile Cys Gly Asp Glu Ala Ser Gly Cys His Tyr Gly
288 545          550          555          560
291 Ala Leu Thr Cys Gly Ser Cys Lys Val Phe Phe Lys Arg Ala Ala Glu
292          565          570          575
295 Gly Lys Gln Lys Tyr Leu Cys Ala Ser Arg Asn Asp Cys Thr Ile Asp
296          580          585          590
299 Lys Phe Arg Arg Lys Asn Cys Pro Ser Cys Arg Leu Arg Lys Cys Tyr
300          595          600          605
303 Glu Ala Gly Met Thr Leu Gly Ala Arg Lys Leu Lys Lys Leu Gly Asn
304          610          615          620
307 Leu Lys Leu Gln Glu Glu Gly Glu Ala Ser Asn Val Thr Ser Pro Thr
308 625          630          635          640
311 Glu Glu Pro Thr Gln Lys Leu Thr Val Ser His Ile Glu Gly Tyr Glu
312          645          650          655
315 Cys Gln Pro Ile Phe Leu Asn Val Leu Glu Ala Ile Glu Pro Gly Val
316          660          665          670
319 Val Cys Ala Gly His Asp Asn Asn Gln Pro Asp Ser Phe Ala Ala Leu
320          675          680          685
323 Leu Ser Ser Leu Asn Glu Leu Gly Glu Arg Gln Leu Val His Val Val
324          690          695          700
327 Lys Trp Ala Lys Ala Leu Pro Gly Phe Arg Asn Leu His Val Asp Asp
328 705          710          715          720
331 Gln Met Ala Val Ile Gln Tyr Ser Trp Met Gly Leu Met Val Phe Ala
332          725          730          735
335 Met Gly Trp Arg Ser Phe Thr Asn Val Asn Ser Arg Met Leu Tyr Phe
336          740          745          750
339 Ala Pro Asp Leu Val Phe Asn Glu Tyr Arg Met His Lys Ser Arg Met
340          755          760          765
343 Tyr Ser Gln Cys Val Arg Met Arg His Leu Ser Gln Glu Phe Gly Trp
344          770          775          780
347 Leu Gln Ile Thr Pro Gln Glu Phe Leu Cys Met Lys Ala Leu Leu Leu
348 785          790          795          800
351 Phe Ser Ile Ile Pro Val Asp Gly Leu Lys Asn Gln Lys Phe Phe Asp
352          805          810          815
355 Glu Leu Arg Met Asn Tyr Ile Lys Glu Leu Asp Arg Ile Ile Ala Cys
356          820          825          830
359 Lys Arg Lys Asn Pro Thr Ser Cys Ser Arg Arg Phe Tyr Gln Leu Thr
360          835          840          845
363 Lys Leu Leu Asp Ser Val Gln Pro Ile Ala Arg Glu Leu His Gln Phe
364          850          855          860
367 Thr Phe Asp Leu Leu Ile Lys Ser His Met Val Ser Val Asp Phe Pro

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368	865					870						875					880
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372					885					890							895
375	Gly	Lys	Val	Lys	Pro	Ile	Tyr	Phe	His	Thr	Gln						
376				900					905								

VERIFICATION SUMMARY

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date